

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re patent application of:

Dan D. Katznelson

Serial No. 09/579,847

Art Unit: 2124

Filed: May 25, 2000

Examiner: Tan V. Mai

For: **RATIONAL FREQUENCY SYNTHESIZER EMPLOYING DIGITAL COMMUTATORS**

INFORMATION DISCLOSURE STATEMENT

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Commissioner of Patents
Washington, D.C. 20231

APR 29 2004

Technology Center 2100

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

- [] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- [X] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.

The enclosed statement is accompanied by [check one]:

- [] i. a certification in part (e) below as specified in 37 C.F.R. §1.97(e), or
- [X] ii. a check in the amount of \$180.00 required by 37 C.F.R. §1.17(p).
- [] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

04/27/2004 JADD01 00000078 09579847 180.00 OP 01 FC:1806

- ☐ PETITION FEE: A check for \$130.00 required by 37 CFR §1.17(i)(1), is enclosed.
☐ CERTIFICATION is attended to in box (e) below.

- ☐ d. The enclosed statement is being filed pursuant to 37 C.F.R. §1.97(i), for placement in the file.
☐ e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

- ☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

- ☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

- ☐ Appropriate certification is attached.

- ☒ f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 14-0112.
☒ g. Copies of the documents are attached herewith with a completed Form PTO-1449.

or

- ☐ Copies of the documents are not attached as allowed under 37 CFR 1.98(d)(1)(2). The earlier application is identified as:

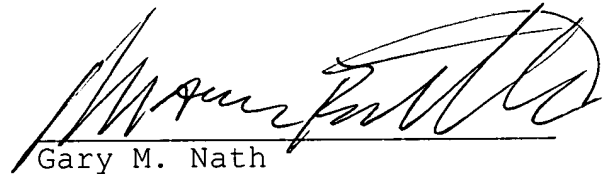
The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the

next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,

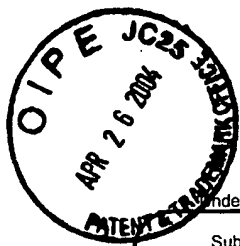
NATH & ASSOCIATES PLLC

A handwritten signature in black ink, appearing to read "Gary M. Nath", is written over a horizontal line.

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	09/579,847
Filing Date	May 25, 2000
First Named Inventor	Katznelson, Ron D
Art Unit	2124
Examiner Name	Mai, Tan V.
Attorney Docket Number	P-9

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,955,143	05-04-1976	Collins; John D.	
		US- 4,206,425	06-03-1980	Nossen; Edward J.	
		US- 4,733,197	03-22-1988	Chow; Peter E. K.	
		US- 4,801,896	01-31-1989	Phillips; Donald E.	
		US- 4,871,981	10-03-1989	Franklin; Jeffrey W.	
		US- 5,059,924	10-22-1991	JenningsCheck; W.S.	
		US- 5,493,243	02-20-1996	Ghoshal; Sajol C.	
		US- 5,731,719	03-24-1998	Wang; Yun-Che et al	
		US- 6,249,189	06-19-2001	Wu; Jieh-Tsornng	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.